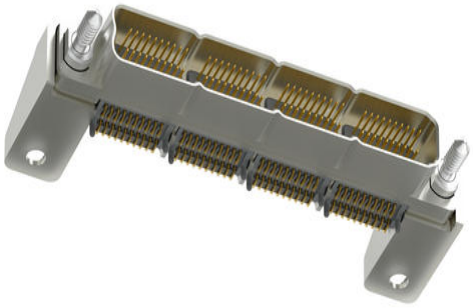
molex



Part Number : SRR-A1R-N1A-R
Product Description : AirBorn SInergy, 2-Bay Right-Angle Board-Mount Receptacle with 1 RF, 0 High-Density Modules, Standard Shell, Fixed Jacknuts, 25.0 Gbps
Status : Active
Product Category : I/O Connectors

Documents and Resources

Drawings

SInergy SRR Family Product Specifications

Specifications

SInergy Qualification Test Summary

SInergy Series Product Guide

987652-9431.pdf

SInergy Signal Integrity Test Report

Part Details

General

Status	Active
Category	I/O Connectors
Description	AirBorn SInergy, 2-Bay Right-Angle Board-Mount Receptacle with 1 RF, 0 High-Density Modules, Standard Shell, Fixed Jacknuts, 25.0 Gbps
Application	Board-to-Board, Wire-to-Board
Component Type	Receptacle
Contact Type	Pin
Product Name	AirBorn SInergy

Electrical

Current - Maximum per Contact	2.0A

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Data Rate	25.0 Gbps
Voltage - Maximum	250V

Physical

Circuits Detail	1 RF (SMPM) Module
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Gray
Durability (mating cycles max)	500
Gender	Female
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Locking Type	Fixed Jacknuts
Material - Insulator	Liquid Crystal Polymer
Material - Metal	Beryllium Copper
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Shell	Zinc Alloy | Aluminum Alloy
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	0.173" (4.39mm)
Pitch - Termination Interface	0.173" (4.39mm)
Plating min - Mating	30µ”
Plating min - Termination	10µ”
Plating - Shell	Electroless Nickel
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Port Configuration	1 RF, 0 High-Density
Ports	1
Temperature Range - Operating	-55° to +125°C
Termination Interface Style	Surface Mount

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